

[Co-Host] 21st International Union for Pure and Applied Biophysics Congress 2024 (IUPAB2024) & HAMAMATSU PHOTONICS K.K.

# BP Seminar 8

**Date & Time** 12:35-13:35 June 26th (Wed.), 2024

**Venue** Kyoto International Conference Center 2F, (Room B-1)

## Session 1

# Nanoscale Quantum Biosensors : Imaging Techniques for Measurement

## Speaker

**Ryuji Igarashi** Institute for Quantum Life Science, National Institutes for Quantum Science and Technology

## Session summary

In this lecture, I will present our research on utilizing fluorescent nanodiamonds and the Nitrogen-Vacancy (NV) center for quantum sensing in life sciences. We'll explore how these technologies enhance our ability to measure and analyze biological phenomena at the nanoscale, opening new avenues for advanced biological research and medical applications.

## Session 2

# The latest imaging technologies from Hamamatsu Photonics

## Speaker

**Taiki Miura** Sales engineer, Business promotion group, Systems Division, Hamamatsu Photonics K.K.